

Kora Biffert
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-194



Dear Dave Glatt,

My name is Kora Biffert, and I am a student at a North Dakota middle school in a community that the majority of the jobs are coal-related. My Science and English class have recently read *Black Gold* by Albert Marrin. We have discussed the numerous sources of power and the pollution of the Earth.

While I am still proud of the work of many others to find other alternative answers to these problems, I am concerned about the Clean Energy Plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on many jobs. The shutting down of coal powered plants will be the cause of the ripple effect of many lost lives. If we lose electricity, people in hospitals or people reliant on electricity for their health could die. People will be forced to leave North Dakota in search of income; this would be a loss to North Dakota as many businesses could no longer survive. The price of electricity would rise too.

I do not believe this is the best option for helping combat global warming. I think our best option is carbon sequestration. The process involves reacting carbon dioxide with abundantly available metal oxides. These reactions occur naturally and are accompanied by the release of heat. This could be implemented by the capture CO² from power plants or industrial processes. Then it is compressed and is shipped usually through pipelines. Next is underground injection of the CO² into deep underground rock formations. Often these formations are a mile or more beneath the surface and consist of porous rock that holds the CO². Overlying these formations are impermeable, non-porous layers of rock that trap the CO² and prevent it from migrating upward. This will have an impact on North Dakota by reducing the amount of carbon dioxide put into the air. The carbon would be piped to oil companies where they make use of it too. It will offer new jobs in the process.

Carbon sequestration is a relatively expensive technology and the long-term average cost for CO₂ transportation and storage is estimated from \$20 a ton to as much as \$2,000 of CO₂. This could be implemented by North Dakota's power plants implementing biomass in power stations and boilers. Our state should implement this timeline by 2016 in order to meet the proposal date in 2022 and the completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in cursive script that reads "Kora Biffert". The letters are fluid and connected, with a prominent loop at the end of the word "Biffert".

Kora Biffert

Hannah Sailer
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Hannah Sailer. I go to Hazen Middle School. In my English and science classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels

I am worried that the Clean Energy Plan will badly affect our state of North Dakota. I'm concerned that trying to clean the air will leave many people without jobs. That will affect the population of North Dakota because people will be in search of jobs. Many schools including mine will probably have to shut down. Also I am concerned that the price of electricity will rise because of the Clean Energy Plan.

Shutting down coal powered plants is not the best way to help stop global warming. I believe carbon sequestration will help global warming and help the state of ND any many other states. Carbon sequestration is the process of removing CO₂ from the atmosphere and converting it into stored compounds. There are three types of carbon sequestration: Geologic – piping CO₂ from the source into extracted oil and gas fields; oceanographic – piping CO₂ from the source to the bottom of the ocean; terrestrial – the long-term storage of carbon in organic matter (soil) or in trees. With carbon sequestration in use there will be better air quality because it doesn't damage the air. It is also proposed to slow the atmospheric and marine accumulation of greenhouse gases, which are released by burning fossil fuels. It also opens up many new jobs in the process of carbon sequestration.

According to Center of Climate and Energy Solutions the cost of carbon sequestration is within the range of \$25 - \$75 per short ton of carbon (\$7.50 - \$22.50 per metric ton of CO₂-equivalent). This range increases somewhat—to \$30 - \$90 per ton of carbon—for programs sequestering 500 million tons annually. Even though this method is very expensive, it has a better outcome for the environment. Carbon sequestration can be implemented by removing carbon dioxide from other combustion gases and getting it into a storable form. Our state should implement this by 2017 in order to meet the proposal date in 2022 and the final completion date in 2030 because a lot goes into getting it and getting it working.

I hope to hear from you soon, and I look forward to reading your reply

Sincerely,

Hannah Sailer

Hannah Sailer

Hope Ternes
219 Main St.
Stanton, ND 58571

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Hope Ternes, and I go to Hazen Middle School. In my science and English Classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

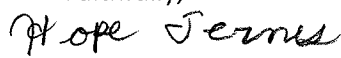
While I am still proud of your work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on my parent's jobs. Coal and oil are our most abundant resources and it would be hard to find a new source. There will be some overcrowding in other areas as people move from North Dakota. Everyone will have to limit or put a stop to their electricity use because it will become more expensive.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I believe carbon sequestration is the best way to go about the global warming problem. It is the process of capturing carbon dioxide from the atmosphere before it is released. It would reduce the amount of greenhouse gases being released. Nobody would have to lose their jobs. Families wouldn't have to move. We could still keep power plants around, because if we didn't people would get upset. It would also reduce the amount of change in peoples' lives.

This idea could be implemented by capturing the carbon. Then, they transport the carbon through pipelines. After that, they inject the carbon about seven thousand feet underground through pipes. Our state should implement this by 2017 in order to meet the proposal date in 2022 and the final completion date in 2030. The cost would be \$107 per ton of carbon.

I hope to hear from you soon, and I look forward to reading your reply.

Faithfully,


Hope Ternes

Faith Taylor
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Faith Taylor and I go to school at Hazen Middle School. In my Science and English classes, we reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

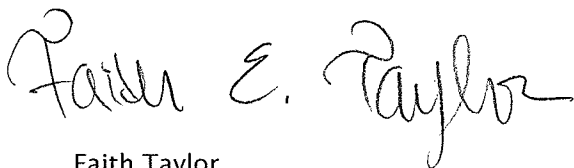
While I am still very proud of our work, I am concerned about the Clean Energy Plan that our state will be strongly affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on the coal mining jobs. It will cost up to 292 billion dollars to start the company. The plan will also raise the electricity prices in 47 different states. The population in most states that are affected by the price change will decrease because the prices of the electricity prices are very high. Most people wouldn't want to or can't pay for the new prices of the electricity. A lot of the coal miners will lose their jobs if the plant was shut down.

I also do not believe that shutting down coal powered plants or those or jobs is the best option for helping combat global warming. I suggest starting to do carbon sequestration. It should be the new replacement of the coal. It should be used to slow down the use of coal. It can have a 90% reductant efficacy. Overlying these formations are impermeable, non-porous layers of rock that trap the CO₂ and prevent it from migrating upward. It will avoid annual electricity-related emissions from more than 300,000 homes.

Carbon sequestration can be implemented by trapping it in pipes and send it to people or companies who need it. We should have to set up the factory within a year 2015-2016. It would at least take four years to build the area and set up the company. The cost for it all is 15 dollars per metric ton.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in cursive script that reads "Faith E. Taylor". The signature is written in dark ink and is positioned above the printed name.

Faith Taylor

Jordyn Peterson
301 5th Ave. NW
Hazen ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Jordyn Peterson, and I go to Hazen Middle School. In my science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of your work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan to clear North Dakota's air will have a major impact on my parent's jobs, and jobs like theirs. This negatively impacts us by it being very difficult to reach the requirements. Also coal is our most abundant, reliable energy source. Other sources like hydroelectricity are not very abundant in North Dakota. Wind energy is not reliable. After a certain wind speed they must be shut down.

I do not believe that shutting down coal power plants or those jobs is the best option for helping to prevent climate change. I believe we should try to use carbon sequestration. Carbon sequestration is the long term storage of carbon dioxide or other forms of carbon. This helps to either reduce or stop global warming and/or climate change. It slows the atmospheric and marine accumulation of greenhouse gases, which are released by the burning of fossil fuels. This will help to slow down global warming. Also it will help to reduce our carbon pollution. It gives us somewhere to store our carbon product for now.

Carbon sequestration can be implemented by catching the carbon in pipes and sending it to places that would use it. We would have to implement this within a year. It would take about four years to put up. This would cost 15 dollars per metric ton.

I hope to hear from you soon, and I look forward to reading your reply.

Best regards,

A handwritten signature in black ink that reads "Jordyn Peterson". The signature is written in a cursive, flowing style.

Jordyn Peterson

Alayanna Klein
113 7th ST NW #15
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Alayanna Klein and I go to school at Hazen Middle School. In my Science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

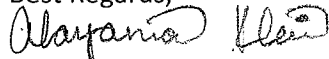
While I am proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on my parents jobs and jobs like theirs. The Clean Energy Plan negatively impacts North Dakota by making it very hard to meet the requirements in the amount of time they have given us. All the wind towers we have put up before 2012 will not count in the goal for North Dakota, and that is not fair. Energy cost will also get higher because of this.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat climate change. I believe that carbon sequestration would be a good option to use. Carbon sequestration is long term storage of atmospheric carbon dioxide. It is used to defer global warming and dangerous climate change. It is a way to slow the build up of greenhouse gases in the air or water. This will help reduce carbon pollution and it gives us a place to store the carbon.

Carbon sequestration can be implemented by putting the carbon into pipes and sending it to places where we can make it useful to us. We would have to implement the carbon within the year. This would take about 4 years to put in. this would cost us 15 dollars per metric ton.

I hope to hear from you soon, and look forward to reading your response.

Best Regards,

A handwritten signature in cursive script that reads "Alayanna Klein". The signature is written in dark ink and is positioned to the right of the typed name "Alayanna Klein".

Alayanna Klein

Tyson Van Inwagen
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My Name is Tyson Van Inwagen and I go to school at Hazen Middle School. In my science and English Classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying and researching renewable resources and fossil fuels.


While I am proud of our energy producing state, I believe that the clean energy plant is the right choice for North Dakota. I am saying this despite the clean energy plant because the clean energy plant will be better for the environment, it will be better for the air that we breathe, and to be a clean world too. A bad thing about it, it would cost a lot of money, a lot of people probably wouldn't like it, and it would be more confusing.

I also believe that shutting down coal plants would be a bad idea because North Dakota needs to think about the global population effected by global warming. The clean energy plan is getting rid of power plants and using wind energy and solar energy as examples to replace coal and oil.

This could be implemented by December 15, 2016. Our state should implements this by December 15, 2016 in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in black ink that reads "Tyson Van Inwagen". The signature is written in a cursive, slightly slanted style.

Tyson Van Inwagen

Brandon Snyder
596 County 27
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

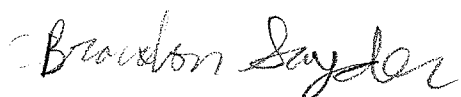
To Whom It May Concern,

My name is Brandon Snyder and I attend Hazen Middle School. In my Science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on my father's job and jobs like his. It will also affect the population of Mercer County and North Dakota as a whole because it will take away jobs from many people causing them to move away with their families for other work. Another thing that it will affect is the economy of Mercer County and North Dakota because coal makes up a big part of our income and economy, especially in my area, and this plan will cause us to have less money for funding in schools and other things. This plan would also be a waste of all the coal we have here because it is such an abundant resource.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I propose that we use more solar energy. Although it can be expensive to make solar panels, they can cause problems, and they don't create as much energy, it is a decent alternative to fossil fuels. The Sun is always there although it may not always shine. However, solar power would only be a partial alternative to fossil fuels because it doesn't create as much energy as we would need and we still need to improve on capturing it. It could however help to solve our energy problem because, just like wind power, it would make us rely less on fossil fuels. Also a job it could create would be manufacturing the panels and also researching on how to make them better. This would make us now rely more on the people themselves than on the actual companies to save the environment because they would set up the panels for their own homes.

Solar energy could be implemented by creating more solar panels and putting them up on things such as buildings and on or by people's houses. The initial cost for solar energy for a home would be about \$19,500 and the overall savings in 25 years for it is about \$20,000. Our state should implement this timeline by 2022 in order to meet the proposal date and then the final completion date in 2030.

A handwritten signature in cursive script that reads "Brandon Snyder". The ink is dark and the signature is fluid, with a long, sweeping underline.

Jarod Olea
520 1st Ave NE
Hazen ND 58545

North Dakota Department of Health
Environmental Health Science
918 East Divide Avenue
Bismarck ND 58501-1947

Dear Dave Glatt,

My name is Jarod Olea and I go to school at Hazen Middle School. In my English and Science classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

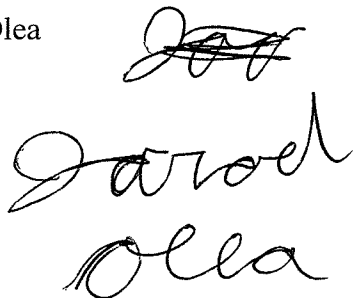
I know that alkali metal hydroxides (column I and II metal hydroxides) can be used to absorb carbon dioxide (CO₂) in an enclosed atmosphere, like in a space craft or submarine. However, they're corrosive and absorb water vapor. (1) Is there any commonly-available material that is not toxic/dangerous that will absorb CO₂? (2) What is used in underwater rebreathers/CO₂-scrubbers (**Oliver**) we need to consider that this is a great solution to the use of the carbon dioxide it can be used for other things we also need to consider that natural gas plants are another option but that's for another time.

This can be implemented by this believed time probably is about three years to do the metal hydroxides. Our state should be implement by about three years.

I hope to hear from you very soon

Best regards,

Jarod Olea

A handwritten signature in cursive script that reads "Jarod Olea". The signature is written in dark ink and is positioned below the printed name "Jarod Olea".

Jayce Nider
520 1st Ave NE
Hazen ND, 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND, 58501-1947
To Whom It May Concern

My name is Jayce Nider and I go to school at Hazen Middle School. In my Science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

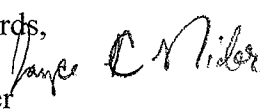
While I am still proud of your work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan though meaning to clear North Dakota's air, will have a major impact on my job and jobs like mine. Some difficulties are that people will start moving out of the state if it's implied and that causes less jobs and later ends up to a weaker economy.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat supposed global warming. My idea is to, yes imply this but use other ways of energy with the uranium that we have in the state. This will impact North Dakota in many ways 1 by, moving people away from the nuclear plants. 2 by, and making things and places around the plants hazardous, and 3 by, it will produce more jobs making the plants.

This could most likely be implemented by 2016. Our state should implement this timeline by 2017 in order to meet the proposal date in 2019 and the final completion date in 2027.

I hope to hear from you soon and I look forward to reading your reply.

Kind Regards,


Jayce Nider

Carson Wahl
5040 Highway 200
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Carson Wahl and I go to school at Hazen Middle School. In my Science and English classes, we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. Although this plan is meaning to clear the North Dakota air, it will have a major effect on the economy. It will cause the population of North Dakota to drop. The loss of jobs in the state will cause many to people to go into unemployment and they will go and look in other states for jobs. The overall state finances would also be effected. There would be no people doing the jobs that have made money for the state. In addition, coal is our most abundant fossil fuel and we would be unable to use it.

I do not believe that shutting down coal powered plants or those jobs are the best option for helping combat global warming. I think that we should keep the plants and jobs for now and keep working on ways to keep the atmosphere cleaner. I think it is unreasonable to put a deadline on something that is not so easy to do. But I digress, I also think cutting back on the use of coal isn't such a bad thing if we have something to use as an alternative. My suggestion would be nuclear energy. It is a cleaner way to create a good amount of energy and there is an estimated 480,000 pounds of uranium in North Dakota. It isn't as dangerous as some people make it out to be, if we make sure there are many safety precautions then there is a slight chance that there will be a meltdown. Nuclear energy will keep the power supply of North Dakota up, it will allow us to cut back on the use of coal, and it will open up more jobs for the people of North Dakota.

This could be implemented by building nuclear plants around areas where there is open land to build a large structure. There is quite a bit of that in North Dakota. We would have to hire scientists who know how to work with uranium and build the equipment. It would cost approximately 2 billion to 4 billion dollars per unit. Our state should implement this procedure by 2015 in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,



Carson Wahl

Nicholas J. Knight
1025 1st Avenue NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Nick Knight, and I am a student in North Dakota. I have been studying renewable resources and fossil fuels for my Science and English class.

While I like renewable energies, I don't think the clean energy plan is the right choice. Many jobs would be lost if we closed the coal power plants. I know that the Clean Energy Plan will help the North Dakota environment. The coal power plants is the main power source for Mercer County. Even though, Hydro-Electricity, Wind, Solar, and other make the other 30% of our power source in North Dakota. Jobs would've been lost if we closed the power plants. So if the coal power plants were closed. Our 70% of our power source would've been lost. The Clean Energy plan would be a bad choice for North Dakota.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat climate change. I think that keeping the coal powered plants and renewable resources would be good for the people and the economy. Coal powered plants could be the main energy source while the renewable resource can be our secondary resource. One of the benefits to the plan is that we would not have to shut down the coal powered plants with this plan. Another benefit with this plan is that if we don't use coal there would be a less pollution rating to North Dakota. The 3rd benefit to this plan if we need a backup energy source we could use the renewable re4sources such as hydro-electricity, wind, and solar.

To accomplish this we don't need to shut down the coal powered plants. We should continue to build wind farms in North Dakota. Wind farms are considered cheap to build coming to a cost of \$12.6 million. This is cheap In comparison to natural gas plant which costs \$200 billion. A wind far can be constructed within 2 to 6 months. If we began now we can reduce our carbon by 2022.

I hope to hear from you soon, and I look forward to reading your reply.

With Earnest,


Nicholas Knight

Kordon Obenauer
421 1rst Ave. NW
Hazen, ND 58545

North Dakota Department of health
Environment Health Section
918 East divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Kordon Obenauer and I go to school at Hazen Middle School. In my science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on the economy here. The population in some areas will most likely go down. A lot of jobs will be lost. It will cost a lot of money to bring the emissions down by 45 %. The time that they have to bring down the emissions aren't long enough to get the emissions down by that much.

I also do not believe that shutting down coal power plants or those jobs is the best option for helping combat global warming. One idea that I have is Carbon Sequestration. It can have a 90% reduction efficiency. Underground injection and geologic sequestration (also referred to as storage) of the CO₂ into deep underground rock formations. These formations are often a mile or more beneath the surface and consist of porous rock that holds the CO₂. Overlying these formations are impermeable, non-porous layers of rock that trap the CO₂ and prevent it from migrating upward. Avoiding annual electricity-related emissions from more than 300,000 homes.

Carbon sequestration can be implemented by putting it into pipelines and shipping it to whoever needs it. We would need to put this into action within the year of 2016. It would also take four years to build it so we would need to start building it now. The cost is 15 dollars per metric ton.

I hope to hear back from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in cursive script that reads "Kordon Obenauer".

Kordon Obenauer

Dayton Seborg
1045 Fayette Dr.
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Dayton Seborg and I go to Hazen Middle School. In my Science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I like oil and coal energy, I don't like the pollution it brings. The only problem I have with this Clean Energy Plan is it takes away many jobs, it could become expensive, it could leave us without electricity, and some of the nuclear energy supply is hard to find in the state of North Dakota.

I dislike closing coal plants and oil fields, but if that's what will keep our land clean that's what we have to do. If I had a choice, I would want water, wind, and solar energy. It will benefit North Dakota by keeping the air clean, the habitat population up, and keep the land clean and in natural form.

This could be implemented by putting up more solar panels, wind towers and dams. It would cost billions of dollars, but it is getting cheaper. The state would have to implement this timeline within the next year in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Dayton R. Seborg

A large, stylized handwritten signature of Dayton R. Seborg in black ink, extending across the bottom of the page.

Garret Weir
520 1st Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Service
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Garret Weir and I go to Hazen Middle School. In my Science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying nonrenewable resources and fossil fuels.

While I think the Clean Energy Plan is a good idea, think the date is quite extreme. I am concerned for our state as the economy will be greatly affected. North Dakota could run low on electricity, causing brown-outs. Finding an alternative within the date will be next to impossible.

If I could make a solution it would be to use more inexhaustible resources. Wind, water, and the sun are much safer for the environment. All those keep the air and water clean, without harming the ecosystem. The wind is almost always blowing in North Dakota. These are very considerable alternatives.

This could be implemented by adding solar panel fields, wind turbines, and dams. These can be very expensive but it will provide jobs and keep the environment clean. Technology is always growing and these will become more efficient and less expensive.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Garret Weir

Garret Weir

Jacob Welch
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental health section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Jacob Welch. I go to school at Hazen Middle School. In my science and English classes, we have been reading a book about *Black Gold* by Albert Marin. We have been studying renewable resources and fossil fuels.

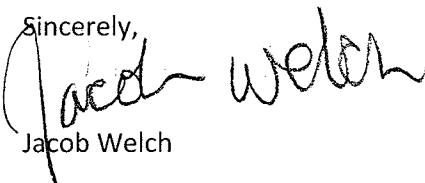
While I am still proud of our work, I am still concerned about the clean energy plan (CEP) our state will be affected by job loss I'm sure you already knew that but the job loss is just a part of it people will lose their jobs at the plants so then there is fewer people in the towns that have power plants. Things that won't be needed anymore or that will be needed less are: restaurants, grocery stores, gas stations, dental offices, drug stores, auto bodies, schools, and many other very important businesses or educational facilities. North Dakota's population will be smaller. Even though it is very small, North Dakota probably won't really need all of the new roads, new hospitals, new stores, new banks, or any of those big things. Well actually, some things we already have will not be needed as much anymore, so they are going to be taken off the market.

I also don't believe that shutting down coal powered plants or those jobs is the best option for helping global warming all plants should have carbon sequestration I have read studies that we go further with it. It will not harm our environment if we move it to the right place. The sequestration itself would give people jobs. If properly chosen crop land will not be harmed we will have cleaner air there will be more jobs.

This could be implemented by following the studies that have been done and doing more, if necessary seems that further work can be done now.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,



Jacob Welch

Jaimee Tatro
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

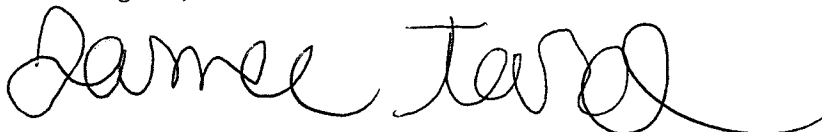
My Name is Jaimee Tatro and I go to Hazen Middle School. In my Science and English classes we have been reading a book called *Black Gold* by Albert Marrin. We have been Studying renewable resources and Fossil fuels. While I am still proud of our effort to make the air cleaner, I am concerned about the Clean Energy Plan that our state will be affected by. I am concerned about some people's jobs like my dad's. The three main reasons why are: We sometimes don't have enough money to get us to the next paycheck, but my mom works and now I have to get a job because of this (not that I am complaining). Another reason why is that so many other peoples jobs are at steak they have wives kids that they need to feed and with them shutting down most of where we get our energy this is going to wipe Hazen, Beulah, Stanton, Golden Valley, and many other places off the map. My last reason is Schools and homes need energy to have lights. Do you like lights and heat and the ability to charge your phone Mr. Glatt?

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming.

My proposed solution is nuclear energy, in the oil field we are releasing natural gas in to the air and that is not helping our air supply at all. My proposed idea would save a lot jobs and a lot of money. Three ways that nuclear energy may help is the people's jobs will not be cut if anything there will be more jobs. The money saved will be a benefit to North Dakota. The last reason is that if you shut down all of these plants you are going to have a lot of angry people and this way you won't have that. This idea could be implemented by your thought on this matter. I think that my idea should be stated as soon as possible in order to meet the proposal date in 2022 and the final completion date in 2030. The cost of this would be 3,850/kWe.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

A handwritten signature in black ink that reads "Jaimee Tatro". The signature is fluid and cursive, with the first name "Jaimee" and last name "Tatro" clearly distinguishable.

Jaimee Tatro

Cain Kaiser
PO Box 425
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Cain Kaiser. I am 14 years old, and have lived in Hazen for a little over 9 years. I am in the 8th grade at Hazen Middle School. I have a wirehaired pointing griffon dog named Alex who is my best friend.

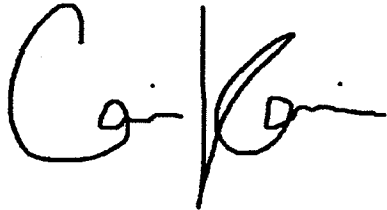
I'm writing to complain about carbon sequestration at the Dakota Gasification Company (DGC). Carbon dioxide (CO₂) in the air can be bad and dangerous for our health and the environment. The Clean Power Plan (CPP) gives negative impacts to the state of North Dakota by giving us a lawsuit and raising prices on consumers. That's not very smart of them to do that to us, is it?

I don't think they should shut down the power plants at all. They've been up for years, and they still work. There should be no reason to shut them down. A different idea that I suggest is that we should all try to find some way to have the power plants run without having a whole bunch of CO₂ gas in the air for a lower price. CO₂ is polluting the air. If we find a way to keep the plants running without CO₂ everywhere, it would have a good impact on the state of North Dakota. Animals and people would have fresh air to breathe that is not polluted with CO₂.

This could be implemented by people doing studies on where the best location for wind generators with the least impact on the environment. I think this should be implemented pretty soon in order to meet our proposal date in 2022 and completion in 2030.

I'll look forward to reading your reply and hear from you soon.

Best Regards,

A handwritten signature in black ink, appearing to read 'Cain Kaiser', with a stylized, cursive script.

Cain Kaiser

Caleb Myhra
401 3rd Ave. NW
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Caleb Myhra and I go to Hazen Middle School, and I have lived in North Dakota my whole life. In my Science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

I do not think that we should shut down the power plants like the Clean Power Plan suggested. Jobs would be lost all around Mercer County, and people would move. We would most likely have brown outs and not have enough electricity.

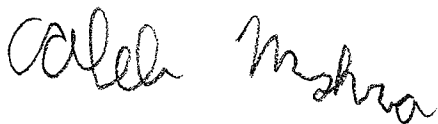
While I don't know the most about this matter, I think inexhaustible energy sources are the future, but not the best for now. I believe that now we should set up carbon sequestration at the power plants. I believe this is a very good idea. People will have to build it, giving people jobs. Then carbon dioxide won't be released in the air. So the Clean Power Plan won't be mad and everyone keeps their jobs. Although, I think we need to do this for now, I feel that we should still continue to set up Wind turbines.

I think that we should do this. Now. At least start it. It may be hard, but I think it is possible by 2022. Maybe have tax right-offs for power plants that do it. But costs offered range from \$38 to \$107 per tonne (plural ton) of captured CO₂, so I don't know if this helps economically.

I hope this helps in any way, and look forward to your reply.

Faithfully,

Caleb Myhra

A handwritten signature in black ink that reads "Caleb Myhra". The signature is written in a cursive, slightly slanted style.

Jonah Jensen
520 1st Ave NE Hazen, ND 58545
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Jonah Jensen I live in Mercer County and go to school at Hazen Middle School. In my Science and English Classes, we have been reading a book about (black gold) by: Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am proud of North Dakotas work, I am concerned about the Clean Energy Plan that our state will be affected by, 2022 and final completion date by 2030. This plan, though meaning to clear North Dakota's air, will have a major impact on my school life and other people's job's. These negative effects that will change North Dakota include there will be less people with job's, more people will move away, and there will be less hospitals and schools would be merged.

I don't believe shutting down coal powered plants or those jobs is the best option for helping climate change. I suggest strongly that we don't shut down power plants I suggest instead that we put up more wind towers and continue with carbon sequestration. I believe this would help reduce the carbon waste because if u have more carbon sequestration it would be a way to reduce carbon dioxide emissions and another way to reduce greenhouse gas emissions. This would help with energy efficiency and increase the use of non-carbon energy sources. I believe that wind towers would help lower carbon emissions but although they don't run 24/7, wind energy releases no pollution into the air or water, and does not contribute to climate change. Wind power also is a free and inexhaustible source of energy. Unlike fossil fuels wind turbines harness a boundless supply of kinetic energy in the form of wind. Adding wind to the energy supply diversifies the national energy portfolio and reduces Americas reliance on imported fuels, stabilizing the cost of electricity, reducing vulnerability to price spikes and supply disruptions, and bolstering the security of our national energy supply. Wind farms development is a(n) excellent source of local jobs, from construction to maintain and upkeep.

My idea could be implemented by 2016. Our state should implement this timeline by 2018 and in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Jonah Jensen



Alyssa Holland
105 4th Ave. SW
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Ave.
Bismarck, ND 58501-1947

To Whom It May Concern,

I am Alyssa Holland, and I am a Hazen Middle School student. In my science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I was learning about the Clean Energy Plan, I did like cutting down on fossil fuels. I do not like keeping oil as a main resource though. These are my reasons, fossil fuels are dirty and cause so much pollution. Burning fossil fuels causes illnesses. I do not like keeping oil because it kills animals in oil spills. It is not a clean energy source.

I think we should use more solar energy, with solar energy comes wind energy. We could take up land that is not being used with wind turbines and solar panels. We should just cut down on coal and oil, maybe not get rid of it completely because some days the wind does not blow or is blowing too hard and some days the sun is not shining because it is being blocked. It will beneficially impact North Dakota because it will be less pollution, solar energy is free and clean, and there will be less coal related illnesses.

This could be implemented by taking down some coal and oil power plants and using that space to build wind turbines and solar panels. The purchase and installation of very small off-grid turbines generally cost \$4,000 to \$9,000, and a 100-kW turbine can cost \$350,000. My idea should be implemented as soon as possible in order to meet the 2022 and 2030 goals.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

Alyssa Holland

Gered Knoell
PO Box 174
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

I am Gered Knoell, and I am a student at Hazen Middle School. In my science and English class we have been reading a book called (Black Gold) By: Albert Marrin. We have been studied renewable resources and fossil fuel.

I still like the work we are doing in North Dakota. I am concerned about the Clean Energy Plan effecting North Dakota. The difficulties that the Clean Energy Plan is making are that the energy bills will be more expensive for the residents of North Dakota. One other difficulty it makes is that there is going to be a cut in the amount of energy we produce. The final difficulty that I find in the Clean Energy Plan is that some of the other energy producers aren't reliable.

I don't believe that shutting down some of the power plant is the solution to our problem. I think that carbon sequestration might be the answer. The description of my solution is the capture of carbon and storing it under ground. My idea for carbon sequestration will benefit North Dakota by cutting down on the amount of natural gas being released into the air. Another way this will help North Dakota by if we put the carbon in the ground then we plant trees the carbon will help the trees grow then we would have more trees in North Dakota. The final way the will help North Dakota by putting the carbon in the ground rather than putting it out in the air that we breathe.

This idea could be implemented by the year of 2023 so North Dakota has enough time to put it up.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Gered Knoell

A handwritten signature in black ink, appearing to read 'Gered Knoell', with a stylized, cursive script.

Angel Bobbe
109 Melanie Jane Ave.
Stanton, ND 58571

North Dakota Department of Health
Environment Health Section
918 East Divide Ave.
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Angel Bobbe and I go to school at Hazen Middle school. In my science and English classes, we have been studying renewable resources and fossil fuels. We also read the novel *Black Gold* by Albert Marrin.

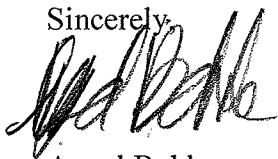
I am concerned that the Clean Energy Plan will affect the state. This plan, though meaning to clear the North Dakota's air, will affect my family and friends greatly. Shutting down the power plants in our area will make it hard for many people to live in Hazen and be able to afford it because their jobs will be lost. Also, the slowdown of the process of getting energy will be difficult because our family uses lots of energy due to a family of seven. Most of my friends will move and the teachers will be leaving due to the low amount of students. This will also affect my future because I want to be a pediatrician and if the plants shut down there won't be enough citizens to care for so I won't get a job.

I don't believe shutting down coal powered plants is the best option to combat global warming. I think if we use more solar panels we can still conserve energy from the plants but not as much so no extreme changes will happen. We can get this done in the time period we are limited to. They may be a bit expensive but it's worth it.

This could be implemented by putting articles in the papers to influence people to putting solar panels on their houses. We could also come up with a fundraiser of some kind to get the main street buildings to get solar panels on their roofs. Our state should implement this right away in order to meet the proposal date in 2022 and the final completion in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in black ink, appearing to read 'Angel Bobbe', written over a horizontal line.

Angel Bobbe

Hannah Lucas
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My Name is Hannah Lucas, and I've been a resident of North Dakota my entire life. I've been learning about renewable resources and fossil fuels in English and science class. I read a book called Black Gold by Albert Marrin.

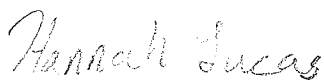
I don't think we should close down the power plants. Many people will lose their jobs, we can have brown outs, and it will be extremely costly. The cost of electricity then will increase making it harder for poorer people to pay.

I don't believe the clean energy plan is the best idea for helping combat global warming. I think we should get more wind turbines and solar panels. We have lots of wind in North Dakota and we should also get Solar panels, they can go on the roofs of houses and buildings. I also think we should unplug devices when were done using them or unplug things that are rarely used to save electricity.

This idea can be implanted by buying more wind turbines and solar panels. My idea should be implemented this summer. Wind turbines under 100 kilowatts cost roughly \$3,000 to \$8,000 per kilowatt. A 10 kilowatt machine (the size needed to power a large home) might have an installed cost of \$50,000-\$80,000 (or more). Solar panels cost \$3 per watt, and the extra cost of installation brings costs up to \$5- \$6 per watt.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

A handwritten signature in cursive script that reads "Hannah Lucas".

Hannah Lucas

D. Akin
520 1st Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
981 East Divide Ave.
Bismarck, ND 58501-1947

To whom it may concern,

My name is D. Akin and I got to school at Hazen Middle School. In my science and English classes, we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I'm concerned about the clean energy plan that our state will be affected by. This plan, though meaning to clear North Dakota's air, will have a major impact on my parent's jobs and jobs like theirs. The clean energy plan will make lots of people be jobless, we won't have a reliable resource, and we won't have enough electricity and people will be outraged because we'll have lots of black outs.

I also don't believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I would like for North Dakota to get more renewable resources until 2030 then will switch when we get enough power. We will have enough power to use with the coal. Then we will turn into a renewable state with some coal.

This could be implemented by when can began setting up more wind towers and solar panels. Our state should implement this timeline by 2021 in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear you soon, and I look forward to reading your reply.

Sincerely,
D. akin

Damaris Akin

MacKenzie Lubitz
702 Lyon St. Apt. 3 PO Box 402
Stanton, ND 58571

North Dakota Department of Health
Environmental Health Section
918 East Divide Ave. Bismarck, ND 58501-1947

To Whom It May Concern,

My name is MacKenzie Lubitz, I am an 8th grader in Hazen Middle School and I have been a resident of North Dakota now for a year. I moved here because of the coal and oil fields. My step father has now worked in 2 different mines since we have moved. He has worked at Dakota Westmoreland and North American Coal Company/ Falkirk Mine. I have been studying coal and oil for the last month in my English and Earth Science class.

I am concerned about the Clean Energy Plan that our state will be affected by. This plan, through meaning to clear North Dakota's air will have a huge impact on my life. I moved here for a better future with a family who with these jobs will be able to provide for us 5 kids. Without this job we won't be able to provide for my sister and her college funds. My brother moved to go work in South Dakota won't get any money for living expenses, and us younger kids won't get as much as we deserve right now. I am now happy in Hazen's school, and without the mines many people will move away, we won't need as many teachers, teachers will lose their jobs, and soon in other businesses we won't need as many workers because of the decrease in population. "Home is where the heart is", and North Dakota is my new home.

I also do not believe shutting down coal powered plants or those jobs are the best option. I think we should start using carbon sequestration. Carbon sequestration is a set of technologies that can greatly minimize CO₂ emissions from new and existing coal, and gas-fired power plants and large industrial sources. CCS is a three-step process that includes:

- Capture of CO₂ from power plants or industrial processes
- Transport of the captured CO₂ in pipelines.
- Underground injection and sequestration of the CO₂ into deep underground rock formations. These formations are normally a mile or more beneath the surface and consist of porous rock that holds the CO₂. The layers of rock trap the CO₂ and prevent it from rising once again.

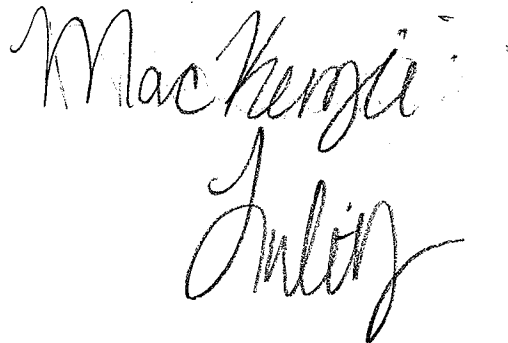
This could be implemented in a few years if we started working on it now if we want to meet the proposal date in 2022 and final completion date in 2030. The amount of carbon in the air would go down increasingly the more we work towards the carbon sequestration. The people of

the mines will not lose their jobs, therefore the population will not decrease, and more than likely increase. It would provide more jobs and hopefully get people to know more about the Earth and how we can decrease the probability of not having as many years as predicted on Earth. I want a clean Earth for my hopeful kids, and grandkids.

I hope to hear from you soon, and I look forward to hearing your reply.

Best Regards,

MacKenzie Lubitz

A handwritten signature in black ink, reading "MacKenzie Lubitz". The signature is written in a cursive, flowing style. The first name "MacKenzie" is on the top line, and the last name "Lubitz" is on the bottom line, starting with a large, stylized capital 'L' that loops under the first name.

Rachelle Klein
5021 1st Ave NE
Hazen ND 58545

North Dakota Department of Health
Environmental Health Section
Bismarck, ND 58501-1947

To whom it may concern,

My name is Rachelle Klein and I am a student at Hazen Middle School. In my science and English classes we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I like the idea of using renewable energies, I don't think shutting down the coal - powered plants will solve our problems completely. The clean energy plant won't require us to make a decision until June 2016. But the plan won't take place until 2020 without any delays. By then our pollution and other problems these plants are causing won't go down a whole bunch.

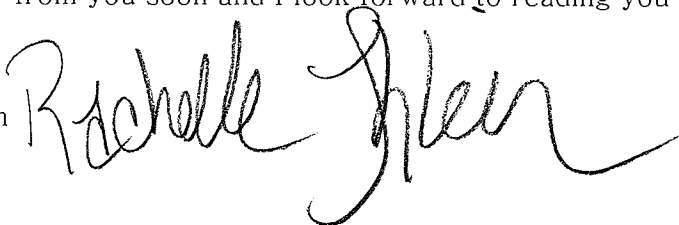
We could keep the power plants but go to a different idea to help such problems. Geothermal is another option. It's clean and sustainable. Almost everywhere, the shallow ground or upper 10 feet of the Earth's surface maintains a nearly constant temperature between 50° and 60°F. According to the United States Department of Energy the average cost of a geothermal heat pump system is \$2,500 per ton. The agency goes on to say that the average residential property is going to require a unit of three tons to supply their needs. This translates to a \$7,500 cost for the system.

Our state should be implemented ASAP. In order to be done by our deadline of 2020.

I hope to hear from you soon and I look forward to reading your reply

Best regards,

Rachelle Klein

A handwritten signature in black ink that reads "Rachelle Klein". The signature is written in a cursive, flowing style with a large, prominent "R" and a long, sweeping underline.

Grace Kilwein
322 4th Ave. NW
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Ave.
Bismarck, ND 58501-1947

To Whom This May Concern,

I am Grace Kilwein and I go to school at Hazen Middle School. In my science and English studying renewable resources and fossil fuels.

While I was learning about the Clean Energy Plan I do not like cutting down on the fossil fuels. These are my reasons why. First they are cutting down on the power plants and many people will lose their jobs. Coal abundant supply, concentrated in industrialized countries. Coal also has clean coal technology is currently being used in China.

I think we should use solar energy. And wind energy is a form of solar energy. Solar energy is when radiant energy emitted by the sun. And wind energy is extracted from wind using wind turbines or sails to produce mechanical or electrical energy. Windmills are used for their mechanical power, windpumps for water pumping, and sails to propel ships. It is beneficial to North Dakota by it is almost windy every day and it isn't blowing more than 40 mph. And also it is very helpful for not polluting. And it is beneficial because it has lots of different uses.

This idea should be implemented by 2018. Our state should implement this timeline by 2018 in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards

Grace Kilwein

Matthew Schneider
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Matthew Schneider, and I live in North Dakota. In my science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I was learning about the Clean Energy Plan I learned how bad this could be. This plan that means clean air will have a major impact on my life. I do not believe that this plan is a good idea. This plan will end up shutting down or slowing the coal mine which means my dad might lose his job. This will make the population of North Dakota go way down. This means that there will be way less jobs around. And this means there might be brown out.

I do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I think we should keep the coal mines and plants, but just don't run them as much. Maybe we could start using carbon sequestration. This will help North Dakota because this will keep jobs around. And that means that people will stay around. If we do this that means we can keep the plants. This means the population will stay to.

I think that we should do this instead of just shutting everything down. I think we should start this. This is going to be hard, but I think we can do it by 2022. But it costs offered a cost range \$38 to \$107 per ton.

Sincerely,


Matthew Schneider

McKenzie Anderson
518 5th Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

I am McKenzie Anderson and I am a student at Hazen Middle School. In my science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I was learning about the clean energy plan, I became concerned about it. This plan will have a major impact on many jobs. It will affect the state of North Dakota. About 55 percent of the energy produced in North Dakota goes to other states, so it would affect other states too. North Dakota energy production is 75 percent coal and 25 percent renewables, including only 18 percent from wind. Also, Energy costs will be higher and jobs will be lost and pay will be less.

I don't think that shutting down coal powered plants or those jobs is the best option for helping combat climate change. There are so many people that will lose their jobs. Instead, they could come up with a different plan that doesn't include people losing jobs. While we have been able to accomplish a great deal with very little though far, even greater change is needed. We need to continue to grow our revenue and expand our appeal in order to hire new staff.

They should keep the coal powered plants and jobs in business. I think this because the sun is not always shining for solar energy. The wind is also not always blowing for wind power. This means that if we shut down the coal powered plants, we would have brown outs when there is no sun shining or wind blowing.

I hope to hear from you soon, and I look forward to hearing your reply.

Best Regards,

McKenzie Anderson

John Retterath
310 4th street NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It My Concern.

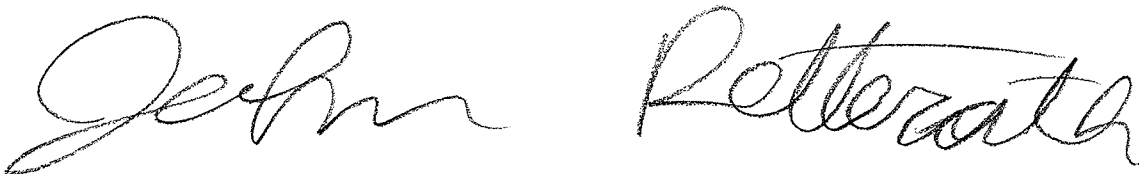
My name is John Retterath, and I am a student at Hazen Middle school. In my science and English classes we have been reading a book about *Black Gold* by Albert Marin. We have been Studding. Renewable resourced resources fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by the difficulties that is caused. This plan, though meaning to clear North Dakota's air, will have a major impact on jobs. The wind turbines are killing animals that get to close to the blades. To set up a hydroelectric dam you have to flood whole towns. Dams also kill marine animals.

I also do not believe that shutting down coal power plants is the best option for fighting global warming. An idea of a way to fight pollution is to use solar power. But the workers from the power plants could lose their jobs. Power plants could be shut down. More people could get jobs.

This could be implemented by 2030. Our state should implement this timeline by 2022 in order to meet the proposal date and the final completion date in 2030

Best Regards

A handwritten signature in black ink, appearing to read 'John Retterath'. The signature is written in a cursive, flowing style with a large initial 'J' and a long, sweeping underline.

John Retterath

McKenzie Anderson
518 5th Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

I am McKenzie Anderson and I am a student at Hazen Middle School. In my science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I was learning about the clean energy plan, I became concerned about it. This plan will have a major impact on many jobs. It will affect the state of North Dakota. About 55 percent of the energy produced in North Dakota goes to other states, so it would affect other states too. North Dakota energy production is 75 percent coal and 25 percent renewables, including only 18 percent from wind. Also, Energy costs will be higher and jobs will be lost and pay will be less.

I don't think that shutting down coal powered plants or those jobs is the best option for helping combat climate change. There are so many people that will lose their jobs. Instead, they could come up with a different plan that doesn't include people losing jobs. While we have been able to accomplish a great deal with very little though far, even greater change is needed. We need to continue to grow our revenue and expand our appeal in order to hire new staff.

They should keep the coal powered plants and jobs in business. I think this because the sun is not always shining for solar energy. The wind is also not always blowing for wind power. This means that if we shut down the coal powered plants, we would have brown outs when there is no sun shining or wind blowing.

I hope to hear from you soon, and I look forward to hearing your reply.

Best Regards,

McKenzie Anderson

Blake Harm
795 County 9
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Avenue
Bismarck, ND 5801-1947

To Whom It May Concern,

I'm Blake Harm and I'm a resident of Hazen, ND. In my Science and English classes we have been reading a book called Black Gold by Albert Marin. Coal has paved the way for energy in North Dakota.

While learning about The Clean Energy Plan, I think this could be bad. This will be a problem I will face in my future as a North Dakota resident. I don't believe this is a good option. In this plan power plants and coal mines will be shutting down. Which means my dad will lose his job and so will many North Dakotans. This means North Dakota will have little population. And with those less people and jobs brown outs may occur.

A different option would be nice so we can save some of the plants. My personal opinion is that carbon has nothing to do with the environment. I also think that shutting down the power plants isn't the best option. I think carbon sequestration would be a good way to cut down on carbon emission. This will help keep the power plants running and also provide new jobs.

I think this will be a good idea instead of shutting everything down. Coal is a major energy source that is very reliable and we can't just not use it if you want reliable energy.

Sincerely

Blake Harm

A large, stylized handwritten signature in black ink, appearing to read 'Blake Harm', is written over the printed name.

Andrew Sorensen
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Andrew .M. Sorensen, and I go to Hazen Middle School. In my science and English classes we have been reading a book about **BLACK GOLD** by Albert Marrin. We have been studying renewable Resources and Fossil Fuels.

While I've been learning about the clean energy program I've had my own concerns. I've thought this through and I think it may shut down power plants and bring many families into unemployment. Also, many people may lose power in result of a dormant power plant this may cause medical emergencies for some people.

I also do not believe that shutting down power plants is going to affect the environment. I think we should use an alternative fuel such as natural gas. It will make our environment safer for us and plants and animals. Also, it could slow down global warming.

This could be possible by 2025. The state of North Dakota should start in the year 2016 in order to complete the process by 2025. The cost of converting would be in between 300 billion and 600 billion

I hope to hear from you soon, and look forward to reading your reply.

Best regards,

Andrew M. Sorensen

*Andrew
Sorensen*

Angel Bobbe
109 Melanie Jane Ave.
Stanton, ND 58571

North Dakota Department of Health
Environment Health Section
918 East Divide Ave.
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Angel Bobbe and I go to school at Hazen Middle school. In my science and English classes, we have been studying renewable resources and fossil fuels. We also read the novel *Black Gold* by Albert Marrin.

I am concerned that the Clean Energy Plan will affect the state. This plan, though meaning to clear the North Dakota's air, will affect my family and friends greatly. Shutting down the power plants in our area will make it hard for many people to live in Hazen and be able to afford it because their jobs will be lost. Also, the slowdown of the process of getting energy will be difficult because our family uses lots of energy due to a family of seven. Most of my friends will move and the teachers will be leaving due to the low amount of students. This will also affect my future because I want to be a pediatrician and if the plants shut down there won't be enough citizens to care for so I won't get a job.

I don't believe shutting down coal powered plants is the best option to combat global warming. I think if we use more solar panels we can still conserve energy from the plants but not as much so no extreme changes will happen. We can get this done in the time period we are limited to. They may be a bit expensive but it's worth it.

This could be implemented by putting articles in the papers to influence people to putting solar panels on their houses. We could also come up with a fundraiser of some kind to get the main street buildings to get solar panels on their roofs. Our state should implement this right away in order to meet the proposal date in 2022 and the final completion in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Angel Bobbe

Garrett Ward
933 Ellbowoods Drive
Hazen, ND 58545

North Dakota Department of health
Environmental Health section
918 East Divide Avenue
Bismarck, ND 5801-1947

Dear, Dave Glatt,

Hello Sir, I am Garrett J. Ward and I go to Hazen Middle School. I have been a resident of North Dakota forever- since I am only 13. In Science and English we have been reading a book called *Black Gold* by Albert Marrin. We have also been studying about renewable resources and fossil fuels.

While learning about the clean energy plan I got scared about how our state will be affected. This plan, though meaning to clear North Dakotas air will have major effects. These major negative effects are we will lose population, we will have brown outs, and school programs will be merged together. Imagine Hazen and Beulah being merged that will be chaos.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. My idea for this is carbon capture and sequestration. The ways that it will help the coal plants and North Dakota are it reduces carbon dioxide emissions, it's also a way to counter global warming, and it's a controlled way with less chance for unpleasant climate surprises.

This could be implemented by sticking poles in the ground and stuffing the carbon dioxide in them. Some recent credible estimates indicate that the cost of capturing and storing carbon dioxide is \$60 per ton. Our state should implement this as soon as possible in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply. :]

Sincerely,

Garrett J. Ward

A handwritten signature in black ink, appearing to read "Garrett J. Ward", with a long, sweeping vertical line extending upwards from the right side of the signature.

Hunter Truedson
1030 2nd Ave. NW
Hazen ND 58545

North Dakota Department of Health
Environmental Health Station
918 East Divide Ave.

To whom it may concern,

I am Hunter Truedson and I am a student at Hazen Middle School. In my Science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I like the idea of being less dependent on coal, I don't think the Clean Energy Plan is the right choice. I don't like the Clean Energy Plan because we will not have a dependent source of energy if we don't use coal. I just think we should cut down a little bit on the coal and make the wind turbines to work in higher wind speed. I also think that if we do go with the plan some of our jobs will be affected.

I think we should cut down on coal and improve our wind turbines. I think we should update the technology on them so they can operate while in higher wind speeds and make more of them so we have more of them to produce energy. I think it would be a good idea but we would have to use coal also so the plants and trees can stay alive and produce more oxygen for us. It would not impact the jobs as much because we would be using power plants and we wouldn't be shutting them down. Wind turbines would also make jobs because we could have a job to repair them and a job to haul them and a job to put them up.

With warm regards,
Hunter Truedson

Trenton Zuther
1011 Antelope Dr.
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Trenton Zuther, and I go to school at Hazen middle school. In my Science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. It could make people lose their jobs, and then they have to move. If a lot of people leave, then other people will lose their jobs because they aren't needed. Then they will move, and it will affect the whole place. This plan, though meaning to clear North Dakota's air, will have a major impact on my parent's jobs and jobs like theirs. People will have to move. People will lose their jobs. Power could go down.

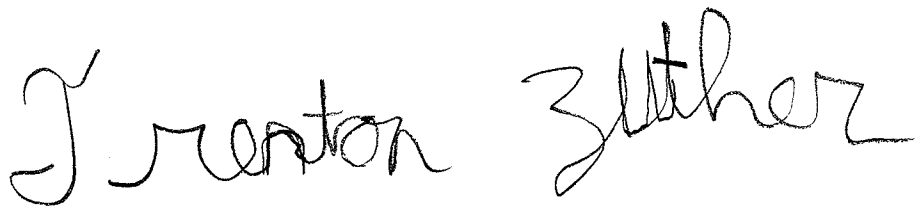
I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. We can have green power plants, but we need to keep the coal plants. If needed for oil, we use more ethanol, we are already kind of using ethanol. It would impact North Dakota maybe for the better. We could have twice the fuel if we use more ethanol. We will also have more power if we add green power plants instead of shutting down coal plants.

This could implemented by 2020-2022. At the current corn price of around \$7.00 per bushel, just the corn feedstock cost for corn-based ethanol should be about \$2.53 per gallon. On an equivalent energy basis, the cost of the corn feedstock for corn-based ethanol is \$3.80 per gallon of gasoline. Our state should implement this timeline by 2021 in order to meet the proposal date in 2022 and the final completion in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

Trenton Zuther

A handwritten signature in black ink that reads "Trenton Zuther". The signature is written in a cursive, flowing style. The first name "Trenton" is written in a larger, more prominent script, and the last name "Zuther" is written in a similar but slightly more compact script. The ink is dark and the background is white.

Jaden Schmitz
1213a Expansion Drive
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt or To Whom I May Concern,

My name is Jaden Schmitz and I am a 14 year old student at Hazen Middle School. I am and in Eighth grade and have lived in North Dakota all of my life. I come from a family that has lived in North Dakota since getting off of the ship from Germany, Russia, and Ireland. My Dad works in the oil field and many of my friend's parents work in the coal mines. In my Science and English class we have been reading the book, *Black Gold*.

I am concerned about the Clean Energy Plan. I am afraid that many people throughout the state could lose their jobs or pay a high amount just for electricity. People would eventually start to leave the state and our population could start to decrease.

I propose that we would us carbon sequestration. We already do some carbon sequestration, but if we keep going as fast as possible we can could make it an industry by 2020-22. This will allow all plant workers and oilfield workers to keep their jobs and create more jobs. It would also be smart to try and fight the 45% to an extent, and see if we could lessen our reduction of carbon emissions and larger states, like California's, would get bigger.

Thank you for your time to read my "letter" about carbon emissions and I look forward to your response.

With Warm Regards,

Jaden Schmitz

Megan Ell
58 1st RD NW
Pick City, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501
Dear Mr. Dave Glatt

My name is Megan Ell. I just moved to North Dakota 2 years ago. I am a student at Hazen Middle School. I work at a restaurant called Little's. My English and Science class have been studying the book *Black Gold* by Albert Marrin. I am happy about the work you guys do but I have some concerns.

While I'm still grateful of the work you guys do, I am worried about the clean energy plant you guys work on. I am concerned about the way the pollute the air. EPA rules announced Monday would require power plants to cut emissions by 30 percent by 2030. It will pollute the air with harsh chemicals. The wild life will start dying off.

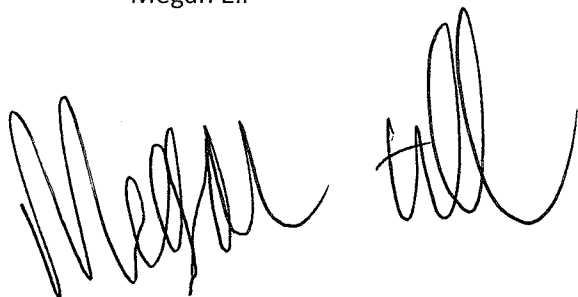
I have some ideas that we could do. We could set up some more water power plants around North Dakota. It would produce more jobs and it wouldn't pollute the air so much. We could put some plants around the Lake Sakakawea. The government owns a lot of land around there. We could also put some plants on the Knife River.

Some steps we would take would be first find the right depth. Then we would of course have to get the government's approval. Then find a nice area to start building our plant. We would have to have this part done by 2022 if we wanted to meet our goal on our timeline and have it done by 2030.

Hope to hear from you soon, and I look forward to reading you reply.

Sincerely,

Megan Ell

A handwritten signature in black ink, appearing to read 'Megan Ell', with a stylized, cursive script.

Kolby Garrett
317 6th Avenue NW
Hazen, ND

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Kolby Garrett and I go to Hazen Middle School. In my Science and English classes, we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by. Many people will lose their jobs and have to move to a new area or city. Also, people that own stores will lose customers to buy their product. The miners that mine the coal would lose their jobs, too. Another reason is that some buildings, classrooms, and living places would most likely be empty.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warning. I believe if we had more water, Hydroelectricity is the best option. Beneficially things about it are it doesn't cause air pollution, it doesn't cause global warning and it also creates new cities for people to live in.

The Garrison Dam produces Hydroelectricity, we should look for more places to produce Hydroelectricity. Places where you could more are on the Sheyenne River or other small rivers. It takes about 27 years to build a dam, so by 2047 it would need to be complete.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

A handwritten signature in black ink that reads "Kolby Garrett". The signature is written in a cursive, slightly slanted style with a long horizontal flourish at the end.

Kolby Garrett

Breanna Ballensky

105 1st SW

Hazen, ND 58545

North Dakota Department of Health

Environmental Health Section

918 East Divide Avenue

Bismarck, ND 58501-1947

To Whom This May Concern,

My name is Breanna Ballensky. I have lived in North Dakota my whole life. I am a student at Hazen Middle School. In Science and English we are reading "Black Gold" by Albert Marrin. We have been studying renewable resources and fossil fuels.

I am concern about shutting down the power plants. I think if we shut them down people would lose jobs. It will cause the population to go down a lot. We put a lot of money in them to build them so if we close them down we just lost a lot of money.

It is causing a lot of problems. It may cause a lot of pollution but it better than losing population. It may lose people jobs so then they can't pay for the things they need. It may of cost a lot of money but it is helping us out in our daily life.

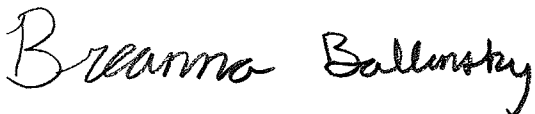
I want people to quit talking about it. It is very important to us in our daily life. I would like it done as soon as possible. It helps us out and it makes us feel safe. If we didn't have plants than we would lose a lot of people by not adopting to it.

It helps us by letting us have lights in the house. It helps us out by paying for the things we need by giving us jobs. It can be done by keeping the power plants. We would not have a lot of things in our house if we didn't have coal and electricity. We would not be able to drive to places. It helps us out.

If nothing is done a lot of people would leave the state. People would also lose a lot of jobs. They would not be able to keep paying the bills. They would not be able to feed the family and buying clothes to put on the kids. It may of cost a lot of money but it is worth it than not getting what we have right now.

I hope to hear from you soon, and I am hoping to hear from you soon.

Faithfully,

A handwritten signature in black ink that reads "Breanna Ballensky". The script is cursive and fluid, with the first name "Breanna" written in a larger, more prominent style than the last name "Ballensky".

Breanna Ballensky

William Tryon III
740 HWY 200
Hazen, ND 58545

North Dakota department of health
Environmental health section
918 east Divide Avenue
Bismarck, ND 58501

To whom it may concern,

My name is William Tryon, and at the Hazen middle school we have been reading black gold by. Albert Marrin and studying renewable energy and fossil fuels. And I think think the clean energy plan is not a good idea. Shutting down the plants is *Proably* the worst thing yes it will save the environment but the job economy is hard enough. We need more job options before we even shut down one.

I don't want this to happen my dad works at D.G.C and he is the only one who pays the bills.

We should open up new opportunities for well-paying jobs and careers only then should the clean act be enforced.

If the act goes threw we will lose power. How would you feel is the power went out in the middle of the winter? If we keep the plants up, yes pollution will become worse but people need jobs. In the future we can defiantly do this but right now is not a good time.

Hope you have time to reply
Best regards: William Tryon III

William Tryon 3

Jordan Rakes
520 1st Ave. Ne
Hazen, ND, 58545

North Dakota of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Jordan and I go to school at Hazen Middle School. In my science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy Plan that our state will be affected by people losing their jobs. People will move to get a new job. People lose their jobs. Families: this plan, though meaning to clear North Dakota's air, will have a major impact on my parents' job.


I do not believe shutting down coal powered plants or those jobs is the best option for helping combat global warming. A coal power plant is a power plant that burns coal for energy. It could benefit North Dakota by giving it energy. It will help get materials for roads.

We need coal and metal. This could be implemented by 2020. It should be implemented by 2019. Our state should implement this timeline by 2030. In order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

Jordan Rakes

Jordan
Rakes


Jocelynn Kruckenberg
520 1st Ave NE
Hazen, ND, 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt/To Whom It May Concern,

My name is Jocelynn and I go to school at Hazen School. In my science and English class, we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the Clean Energy plan that our state will be affected by. This plan, thought meaning to clear North Dakota's air, will have a major impact on my jobs like mine. It will force family and friend to move. The schools will become smaller. It will be harder to get a job.

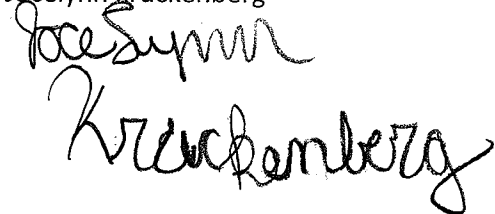
I also do not believe that shutting down the coal powered plants or those jobs is the best option for helping combat global warning. Maybe instead of shutting them down just don't use them as often.

This could be implemented by 2020 our state could should implement this timeline by 2021 in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards

Jocelynn kruckenberg

A handwritten signature in black ink. The first line is 'Jocelynn' and the second line is 'Kruckenberg'. The signature is written in a cursive, flowing style.

Tommy Owens
520 1st Ave NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Tommy Owens and I go to Hazen Middle School, in my Science and English classes, we have been reading a book called black gold by Albert Marrin. We have been studying nonrenewable resources and fossil fuels.

While I am still proud of our work, I am concerned about the clean energy plan our state will be effected by. This plan, though meaning to clear north Dakotas air, will have a major impact on the jobs. It will create less jobs, move more people, drops the population dramatically.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. All the plants and wells need to stay to keep people families together. People can lose their houses, lose their jobs, and not be able to pay for anything.

There is no extra cost other than the environment I would want it done as soon as possible so people can keep their jobs.

I hope to hear from you soon, and in look forward to reading your reply.

Best regards,

Tommy Owens

Gabriel Pfliger
520 1st Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Gabriel Pfliger and I go to school at Hazen Middle School. In my Science and English classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

I think it is a big problem getting rid of 45% of our carbon dioxide emissions. I believe that we should find a compromise, or solution because this will devastate North Dakota and surrounding states. I know it is good in some ways, but the Clean Power Plan isn't feasible in a six year period. The clean power plan isn't totally good, because it relieves people of their jobs, damages our economy, and puts us behind so we don't have a surplus of energy and will make us have brown outs.

I think we should find a chemical means to solve our problem. It could be done if people have the time and the money, we only have to find the money, but we are running a little low on time. We could also maybe build a new dam, that could help, but I don't think it would be enough. One down side is it took six year to build the Garrison Dam alone. We could do what Canada does with waterpower and rely on that. I know we can't rely on wind energy because North Dakota is too windy. Wind turbines can only run from the wind speed of 4mph to 25mph and once the wind is over it doesn't produce enough electricity and shuts down. Although both the hydroelectricity and wind energy are healthy, they Damage environments. The dams would cause flooding of areas and killing fish. The cons of the wind turbines would be the killing of the whooping cranes, and it causes a lot of noise.

My idea could be implemented if we had the technology. The one that could possible work would be the hydroelectricity. It could be possible but we need more time to enforce this idea. One down side is it would cost multiple billion dollars in materials and labor. We could invest money to find a chemical solution, but that would take multiple million dollars. We could possibly do it, but the odds our against us with the timeline implemented

I hope to hear back from you soon, and I look forward to reading your reply.

Best Regards,
Gabriel Pfliger

Ashley Sailer
200st Ave
Stanton, ND 58571

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Ashley and I go to school at Hazen Middle School. In my Science classes, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

I think keeping the air clean is great, but I think we should keep the coal plants. If we don't how else will we be able to keep the energy up. The wind farms have too many disadvantages for us to rely on them. The Dams take too long to make plus you are putting people in risk of flooding. Shutting down the plants won't do much good but clean the air which is good but it won't work. It will take thousands of jobs the government would be paying more money because they will be paying for social services more people will be signing up for it since they lost their jobs.

You could reduce the amount of power plants. We could increase our wind power. The power wind binds that have one pole that is connected to the ground. Then they have three spindles at the top that spin around and around and around. They don't pollute the air. The farmer who owns the land they are on gets paid. They have to use no coal.

I recommend that we have enough wind towers to support our towns. The costs for a utility scale wind turbine range from about \$1.3 million to \$2.2 million per MW of nameplate capacity installed. We should do this when we have to that is in 2022.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Ashley Sailer

Kris Crawford
P.O. Box 57
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501

Dear Dave Glatt,

My name is Kris Crawford I have been a resident of North Dakota my entire life. I am a student at Hazen Middle School. My science and English class have been reading a book called "Black Gold." We have been learning about renewable resources and fossil fuels.

I am concerned about the clean energy plan and that it would affect our state. This plan though meaning to clear North Dakota's air, will have major impact on jobs. Energy costs will be higher and jobs will be lost or pay way less than average. Any wind energy installed before Jan. 1, 2013 wasn't counted. I think that this Clean Energy Plan is not affective.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I think the coal plants are fine. Then North Dakota won't lose so much money. A lot of people won't lose their jobs. And other states will still have the power they get from us.

This can be implemented by 12/30/2015. Our state should implement this timeline by tomorrow in order to meet the proposal date in 2022 and the final completion date in 2030.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Kris Crawford

Mo Danks
315 5th Ave NW
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

To Whom It May Concern,

My name is Mo Danks and I go to school at Hazen High School. In my English class, we have been reading a book called *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am proud of our coal power plants work, I am concerned about the Clean Energy Plan that our state will be affected by. Some of the negative effects are they will put many people out of jobs, it will also force many families to move.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. North Dakota has already done enough with our dams and wind turbines and power plants. North Dakota has good air and water quality.

The best part about my proposal is that we have already done what is necessary. So we would not have to have extra costs. We already have done most of the work there for it would not take long for my proposal to take effect, and should not have any extra costs.

I hope to hear from you soon, and I look forward to reading your reply.

Sincerely,

Mo Danks

Aryanna Jacobs
P.O Box 307
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501

To Whom It May Concern,

My name is Aryanna Jacobs, and I am a student at Hazen Middle School. My science and English class have been reading a book called "Black Gold." By Albert Marrin. We've been studying renewable resources and fossil fuels.

I am concerned about the clean energy plan and that it would affect our state. This plan, though meaning to clear North Dakota's air, will have major impact on jobs. The Clean Energy Plan will negatively affect North Dakota, energy costs will be sky high and jobs will be lost and income will come down to a halt. All the money spent towards setting up and building coal mining industries will be lost. All time and effort would be useless. About 55% of the energy North Dakota provides goes to other states, so not only would it be affecting North Dakota, but it would be affecting all the states that relies on North Dakota for more energy.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I propose that we do not shut down North Dakota's coal powered plants. If they get shut down then a lot of people will lose their jobs resulting in a lot of moves. Population will fall immensely. After a while everyone will eventually move away from North Dakota, and it will become a waste land. Also, all the states that get electricity [Energy] from North Dakota will be in loss as well. If we do not shut down the coal powered plants then the states that have business with North Dakota will be happy and will not be at loss of some energy. People will not move and will continue being proud of the work their company does. They will continue to get pay and be able to provide for themselves and their families. North Dakota will be in good terms with all its residents and the states it works with.

Our state should implement this timeline by December 5, 2015 in order to meet the proposal date in 2020 and the final completion date in 2030.

I hope to be hearing from you soon, and I look forward to reading your reply.

Sincerely,

Aryanna Jacobs

Isaac Doll
520 1st Ave. NE
Hazen, ND 58545

North Dakota Department of Health
Environment Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,


My name is Isaac Doll and I go to school at Hazen Middle School. In my Science and English classes, we have been reading a book called Black Gold by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I am still proud of coal power plants, I am concerned about how much carbon goes into the air. Although the clean energy plan makes some good points for combatting global warming it has some negative affects. It will take away a lot of jobs in North Dakota. Especially the local jobs. Like convenience stores, doctors, and teachers etc. Plus then it will lower population, so then a lot more of the other stores will shut down. This will pretty much shut down all of North Dakota.

I also do not believe that shutting down coal powered plants or those jobs is the best option for helping combat global warming. I believe carbon sequestration will help with getting carbon out of the air. Dakota Gasification Company's Great Plains Synfuels Plant is an international leader in technologies that capture, compress, and transport carbon dioxide (CO₂) emissions from a coal gasification process. With increasing demand for the capture and storage of CO₂, Dakota Gas has seen a dramatic reduction in its CO₂ emissions at the Synfuels Plant. So if we have more of carbon sequestration plants it will help so much. CO₂ emissions are captured from the coal gasification process. Compressor stations along the CO₂ pipeline move the Co₂ to enhanced oil recovery fields for geologic sequestration, and then the CO₂ is injected into depleted oil fields where it is used for enhanced oil recovery.

We should implement more power plants like Dakota Gasification Plant in Beulah, North Dakota. In order to make these plants it would take about 4 years length of time. It would cost about 2.1 billion dollars.

I hope to hear from you soon, and I look forward to reading your reply.

Best Regards,

Isaac Doll

Shanna Bakken
102 Miller Ave.
Stanton, ND 58571

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Dave Glatt,

My name is Shanna Bakken, and I have been a resident of North Dakota for my entire life. I am an eighth grader at Hazen Middle School, and my Science and English teacher have been teaching us about renewable resources and fossil fuels. We have also read *Black Gold* by Albert Marrin.

I am concerned about the Clean Energy Plan that our state will be affected by. This plan would affect my parents' jobs and a lot of other people's jobs too. If this plan goes through, the population of North Dakota will plummet because people will be in search of jobs. The price of electricity would go up, or some people won't have electricity. The economy would also be affected by food prices decreasing and increasing.

I also don't believe that shutting down the coal powered plants or the cutting the jobs is the best option for global warming. My idea is Carbon Sequestration. Carbon Sequestration is a process involved in carbon capture and the long-term storage of atmospheric carbon dioxide. This option would cost 1.5 billion dollars. If we go with this idea it would be the fastest way to be done by the due date. It's not the cheapest option right now, but it's the best option for us at this point.

This could be implemented by the beginning of 2016. Our state should implement this timeline by the beginning of 2017 in order to meet the proposal date in 2022 and the final date in 2030. We would have to get started on this right away because it takes about 15 years to complete, so if we start in 2017 and do it fast we should make the final date.

I hope to hear from you soon, and I looking forward to reading your reply.

Sincerely,

A handwritten signature in black ink that reads "Shanna Bakken". The signature is written in a cursive, flowing style with a large loop at the end of the last name.

Shanna Bakken

23 Nov. 2015

Karli Slaubaugh
1006 Sunrise Drive
Hazen, ND 58545

North Dakota Department of Health
Environmental Health Section
918 East Divide Avenue
Bismarck, ND 58501-1947

Dear Whom It May Concern,

My name is Karli, and I go to Hazen Middle School. In my Science and English classes, we have been reading a book about *Black Gold* by Albert Marrin. We have been studying renewable resources and fossil fuels.

While I like the idea that we are less dependent on fossil fuels, I am concerned about the coal power plants being shut down because of the Clean Energy Plan. It will negatively affect national GDP, employment, and real income per household. A Chamber of Commerce study predicts a peak decline in GDP of \$104B in 2025, with an average of \$51B per year from 2014 to 2030. It also predicts the loss of up to 442,000 jobs. The Clean Energy Plan will have a very small impact on global CO2 emissions, which are set to rise rapidly. The Chamber's analysis finds the proposal would address "a mere 1.8 percent of global CO2 emissions." Regardless of national emissions reduction policies and adverse economic impacts, global CO2 emissions will grow rapidly. The Clean Energy Plan will be extremely costly due to the strain we will have on our social services and government programs. Regulating CO2 emissions will generate adverse economic impacts in the U.S. in exchange for reductions overshadowed by rapidly rising emissions elsewhere. The plan would shave \$51B off GDP annually and increase electricity costs by \$289B.

I propose that we maintain our coal-powered plants and keep building on our renewable energies, like we already have been doing. This idea would allow us to wean off coal while continuing to develop our renewable energy sources. This would benefit North Dakota in the following ways: People will get to keep their jobs. We'll eventually have another renewable energy. Also, it will make our community cleaner.

This could be implemented by adding wind, water, and solar energies. The cost of it will not be much, because we get to keep our coal-powered plants. Our state should implement this timeline by 2021 in order to meet the 2022 and the final completion in 2030.

I hope to hear from you soon and I look forward to reading your reply.

Sincerely,

Karli Slaubaugh

Karli Slaubaugh